

## EAST Search History

| Ref # | Hits  | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|-------|--|---|------------------|---------|---------------------|
| S1    | 1817  | legrand.inv.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB       | OR               | OFF     | 2007/11/28<br>20:15 |
| S2    | 68526 | S1 brush and cut\$4<br>and (string ot line)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/28<br>20:16 |
| S3    | 31    | S1 and brush and cut<br>\$4 and (string ot line)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/28<br>20:49 |
| S4    | 49    | ("4043037"  <br>"4054993"   "4062114"<br>  "4118865"  <br>"4199926"   "4282653"<br>  "4301642"  <br>"4335510"   "4411069"<br>  "4756146"  <br>"4852258"   "4905465"<br>  "5048278"  <br>"5713191"   "5758424"<br>  "5761816"  <br>"5887348"   "5896666"<br>  "5996233"  <br>"6032442"   "6240643"<br>  "6347455"  <br>"6581292").PN. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/28<br>20:49 |
| S5    | 13    | ("3150720"  <br>"4062115"   "4213504"<br>  "4238866"  <br>"4509701"   "4685279"<br>  "4860451").PN. OR<br>("6032442").URPN.  | US-PGPUB;<br>USPAT; USOCR   | OR               | OFF     | 2007/11/28<br>20:50 |

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|-----|------|--|---|----|-----|---------------------|
| S6  | 36   | ("4024635"  <br>"4068376"   "4077190"<br>  "4137694"  <br>"4177561"   "4185380"<br>  "4189905"  <br>"4223440"   "4229882"<br>  "4242297"  <br>"4290200"  <br>"4557052").PN. OR<br>("4685279").URPN.  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2007/11/28<br>20:51 |
| S7  | 75   | ("3208209"  <br>"4054992"   "4054993"<br>  "4062115"  <br>"4118865"   "4126990"<br>  "4126991"  <br>"4186239"   "4186830"<br>  "4232505"  <br>"4357789"   "4362007"<br>  "4461138"  <br>"4513563"   "4644655"<br>  "4685279"  <br>"4726176"   "4756146"<br>  "4825627"  <br>"4869055"   "4905465"<br>  "4909024"  <br>"4962630").PN. OR<br>("5048278").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2007/11/29<br>11:49 |
| S8  | 2254 | 30/276,347.CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/11/29<br>11:50 |
| S9  | 44   | S8 AND (LINE OR<br>FILAMENT OR STRING)<br>WITH LEVEL WITH CUT<br>\$4   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/11/29<br>11:51 |
| S10 | 68   | S8 AND (LINE OR<br>FILAMENT OR STRING)<br>WITH LEVEL   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/11/29<br>11:51 |
| S11 | 1493 | 56/12.7,13.6.CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/11/29<br>11:52 |

|     |     |  |  |    |     |                  |
|-----|-----|--|--|----|-----|------------------|
| S12 | 112 | S8 AND (LINE OR FILAMENT OR STRING) SAME LEVEL   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/11/29 11:52 |
| S13 | 141 | S11 AND (LINE OR FILAMENT OR STRING) SAME LEVEL  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/11/29 11:52 |
| S14 | 632 | 173/13,15,25.OCLS.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/11/29 11:52 |
| S15 | 19  | S14 AND (LINE OR FILAMENT OR STRING) SAME LEVEL  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/11/29 11:52 |
| S16 | 234 | S12 OR S13 OR S15  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/11/29 12:32 |
| S17 | 43  | "4756146"  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/11/29 12:32 |
| S18 | 18  | ("4062114"   "4644655"   "4756146"   "4905465"   "5197264"   "5276969").PN. OR ("5398416").URPN.   | US-PGPUB; USPAT; USOCR                                   | OR | OFF | 2007/11/29 12:36 |
| S19 | 20  | ("3809331"   "4097991"   "4177561"   "4571831"   "4625501"   "4640084"   "4644655"   "4882843"   "4959904"   "5109607"   "5276968"   "5345683"   "5398416").PN. OR ("5765287").URPN. | US-PGPUB; USPAT; USOCR                                   | OR | OFF | 2007/11/29 12:37 |

|     |     |  |                        |    |     |                  |
|-----|-----|--|------------------------|----|-----|------------------|
| S20 | 65  | ("3208209"   "4054992"   "4054993"   "4062115"   "4118865"   "4126990"   "4126991"   "4186391"   "4189830"   "4232505"   "4357789"   "4362007"   "4461138"   "4513563"   "4644655"   "4726176").PN. OR ("4905465").URPN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/11/29 12:39 |
| S21 | 41  | ("3900071"   "4062115"   "4190954"   "4513563"   "4550498"   "4641431"   "4642976"   "4644655").PN. OR ("4756146").URPN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/11/29 12:45 |
| S22 | 16  | "5761816"  | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/11/29 16:31 |
| S23 | 2   | re36940  | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/11/29 16:34 |
| S24 | 7   | "5463460"  | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/11/29 16:34 |
| S25 | 8   | "5463815"  | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/11/29 16:34 |
| S26 | 187 | ("2291975"   "2608043"   "2793485"   "2867960"   "2938323"   "2942397"   "3014333"   "3130793"   "3444674"   "3474608"   "3559742"   "3587749"   "3664102"   "3708967"   "3759020"   "3774379"   "3826068"   "4035912"   "4043037"   "4047299"   "4054992"   "4062114"   "4062115"   "4065913"   "4089114"   "4097991"   "4104797"   "4112653"   "4145809"   "4182100"   "4190954"   "4199926"   "4200978"   "4203212"   "4224784"   "4229882"   "4236312" | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/11/29 18:22 |

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| "4244103"   "4259782" |  |  |  |  |
| "4268964"             |  |  |  |  |
| "4271594"   "4271595" |  |  |  |  |
| "4285128"             |  |  |  |  |
| "4287709"   "4290200" |  |  |  |  |
| "4295324"             |  |  |  |  |
| "4301642"   "4312178" |  |  |  |  |
| "4335510"             |  |  |  |  |
| "4341060"   "4343139" |  |  |  |  |
| "4362007"             |  |  |  |  |
| "4389836"   "4411069" |  |  |  |  |
| "4411126"             |  |  |  |  |
| "4412382"   "4428183" |  |  |  |  |
| "4442659"             |  |  |  |  |
| "4446680"   "4463544" |  |  |  |  |
| "4512143"             |  |  |  |  |
| "4531350"   "4566189" |  |  |  |  |
| "4571831"             |  |  |  |  |
| "4586257"   "4587800" |  |  |  |  |
| "4599796"             |  |  |  |  |
| "4633658"   "4641431" |  |  |  |  |
| "4644655"             |  |  |  |  |
| "4651421"   "4660286" |  |  |  |  |
| "4679385"             |  |  |  |  |
| "4685279"   "4688376" |  |  |  |  |
| "4704849"             |  |  |  |  |
| "4712363"   "4724632" |  |  |  |  |
| "4726176"             |  |  |  |  |
| "4736573"   "4756146" |  |  |  |  |
| "4756147"             |  |  |  |  |
| "4756148"   "4796415" |  |  |  |  |
| "4805306"             |  |  |  |  |
| "4819333"   "4823542" |  |  |  |  |
| "4829755"             |  |  |  |  |
| "4852258"   "4856194" |  |  |  |  |
| "4879869"             |  |  |  |  |
| "4891931"   "4905465" |  |  |  |  |
| "4914899"             |  |  |  |  |
| "4922694"   "4926557" |  |  |  |  |
| "4936886"             |  |  |  |  |
| "4945717"   "4981012" |  |  |  |  |
| "4987681"             |  |  |  |  |
| "4989321"   "5010649" |  |  |  |  |
| "5020224"             |  |  |  |  |
| "5023998"   "5029435" |  |  |  |  |
| "5048278"             |  |  |  |  |
| "5060383"   "5092112" |  |  |  |  |
| "5197264"             |  |  |  |  |
| "5222750"   "5263303" |  |  |  |  |
| "5276969"             |  |  |  |  |
| "5279102"   "5287683" |  |  |  |  |
| "5303476"             |  |  |  |  |
| "5309701"   "5345683" |  |  |  |  |
| "5398416"             |  |  |  |  |
| "5404644"   "5406708" |  |  |  |  |

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|     |    | "5408816"           "5430943"   "5433006"           "5449140"           "5450715").PN. OR         ("5490641"           "5493783"   "5493785"           "5522140"           "5526572"   "5577374"           "5603205"           "5613354"   "5615543"           "5626006"           "5644844"   "5651418"           "5657542"           "5671536"   "5675897"           "5722172"           "5743019"   "5749148"           "5758424"           "5761892"   "5765287"           "5771670"           "5787693"   "5806192"           "5829236"           "5836142"   "5836227"           "5839262"           "5850728"   "5852876"           "5862598"           "5867911"   "5881464"           "5881465"           "5887348"   "5890352"           "5896666"           "5901448"   "5970692"           "5970694"           "5979064"   "5987756"           "5996233"           "6108914"   "6148523"           "6401344"           "6519857"   "6581292"           "6666009"           "D285079"           "D304728").PN. OR         ("7111403").URPN. |                           |    |     |                     |
| S27 | 26 | ("4097991"           "4145809"   "4162575"           "4290200"           "4571831"   "4644655"           "4685279"           "4790071"   "4928457"           "5020224"           "5048278"   "5398416"           "5430943").PN. OR         ("5836227").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2007/11/29<br>18:26 |

|     |      |  |  |    |     |                  |
|-----|------|--|--|----|-----|------------------|
| S28 | 41   | ("3900071"   "4062115"   "4190954"   "4513563"   "4550498"   "4641431"   "4642976"   "4644655").PN. OR ("4756146").URPN.   | US-PGPUB; USPAT; USOCR                                   | OR | OFF | 2007/11/29 20:15 |
| S29 | 632  | 173/13,15,25.ccls.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/11/29 20:16 |
| S30 | 2651 | 30/276,347,346.ccls.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/11/29 20:16 |
| S31 | 43   | "4756146"  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB       | OR | OFF | 2008/04/30 17:29 |
| S32 | 2267 | 30/276,347.CCLS.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2008/04/30 18:04 |
| S33 | 127  | ("20040128840"   "3708967"   "3826068"   "4035912"   "4043037"   "4054992"   "4054993"   "4062114"   "4067108"   "4118865"   "4185381"   "4199926"   "4209902"   "4271595"   "4282653"   "4301642"   "4335510"   "4362007"   "4411069"   "4685279"   "4726176"   "4756146"   "4835867"   "4850258"   "4905465"   "5048278"   "5276968"   "5398416"   "5430948"   "5433006"   "5463815"   "5713191"   "5758424" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2008/04/30 18:23 |

|  |  |   |  |  |  |  |
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|  |  | <p>           "5761816"  <br/>         "5765287"   "5836227"<br/>           "5855068"  <br/>         "5887348"   "5896666"<br/>           "5901448"  <br/>         "5979064"   "5996233"<br/>           "6032442"  <br/>         "6035618"   "6058574"<br/>           "6148523"  <br/>         "6161292"   "6240643"<br/>           "6279235"  <br/>         "6314848"   "6347455"<br/>           "6401344"  <br/>         "6519857"   "6581292"<br/>           "6912789"  <br/>         "6944956"  <br/>         "7111403").PN.       </p> |  |  |  |  |

1/14/09 1:47:56 PM

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